

Converting Colors

Hex(6D3C87)

Have a look what the booklet for
Hex(6D3C87) contains.

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Color

Hex(6D3C87)

Conversions

Conversions Part 1

Format	Color
Hex	6D3C87
RGB	109, 60, 135
RGB Percent	43%, 24%, 53%
CMY	0.5725, 0.7647, 0.4706
CMYK	0.19, 0.56, 0.00, 0.47
HSL	279°, 38%, 38%
HSV	279°, 56%, 53%
XYZ	12.2957, 8.2322, 23.8626
YIQ	83.2010, 5.1290, 33.7130

Conversions

Conversions Part 2

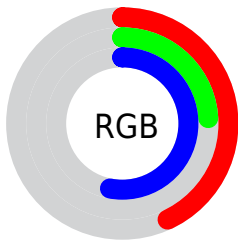
Format	Color
R_{YB}	109, 60, 135
Decimal	7158919
CIE _{Lab}	34.46, 35.37, -33.58
CIE _{LCh}	34, 48.769, 316.487
Yxy	8.2322, 0.2770, 0.1854
Android (android.graphics.Color)	4285348999 (0xFF6D3C87)
YUV	83.2010, 25.5369, 22.6257
Hunter-Lab	28.6918, 26.2845, -29.2264

Details

The Hex color **6D3C87** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **56873C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A26DBD**, and **3A0B55** is the 20% darker color. If you saturate the color by 10%, you get **682F87**, and if you desaturate by 10%, it is **724A87**.

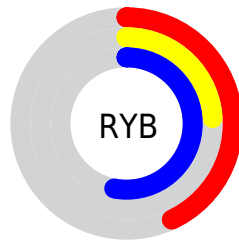
Distribution



Red (43%)

Green (24%)

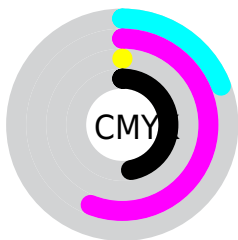
Blue (53%)



Red (43%)

Yellow (24%)

Blue (53%)

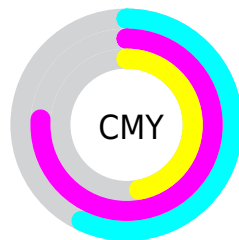


Cyan (19%)

Magenta (56%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3C87 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6D3C87 by changing the saturation by 10% instead.

6D3C87

6D3C87

FFFFFF

53246D

A26DBD

3A0B55

BE87D9

23003D

DAA2F5

000027

F7BDFE

000110

FFD9FF

000000

FFF6FF

6D3C87

6D3C87

682F87

724A87

■ 642187

■ 765787

■ 5F1387

■ 7B6587

■ 5A0687

■ 807287

■ 580087

■ 848087

■ 898D87

■ 8E9B87

■ 92A887

■ 97B687

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224E9C



6D3C87



8D2A64

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6D3C87



714900



006366

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6D3C87



56873C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00613E



6D3C87



4F5600

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6D3C87



8A3719



1D5E15



006189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6D3C87



95254A



1D5E15



006259

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6D3C87



A692B0



3C5687



534759



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6D3C87



873AB0



873C7C



403C42



550082



020003

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



873C56



B03A63



3C8747



423C3E



82002D



030001

Previews

White Background



This preview shows how the Hex color 6D3C87 looks on a white background.

Color Contrast Check

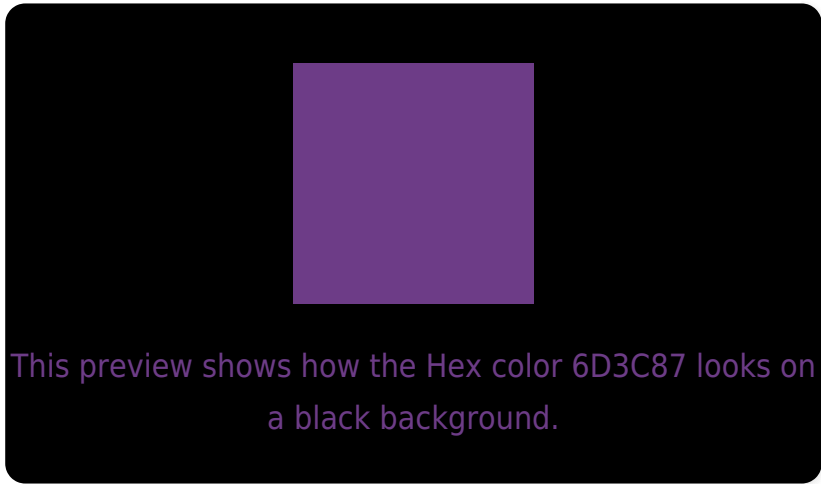
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

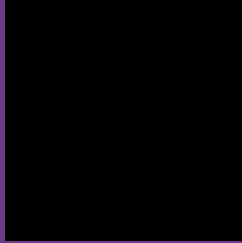
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D3C87 Background



This preview shows how black text looks on a background with the Hex color 6D3C87.



This preview shows how white text looks on a background with the Hex color 6D3C87.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
6D3C87

Protanopia
294F99

Deuteranopia
355283



Tritanopia
644A50

Trichromacy



Original Color
6D3C87

Protanomaly
424892

Deuteranomaly
494A84

Tritanomaly
674564

Monochromacy



Original Color
6D3C87

Achromatopsia
535353

Achromatomaly
5C4B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3C87 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6D3C87 looks like.

```
.text, #text, p{  
    color:#6D3C87  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6D3C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3C87
}
```

Border

The CSS property to change the border of an element to Hex 6D3C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3C87 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6D3C87 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6D3C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3C87; -webkit-box-shadow:4px 4px  
4px 4px #6D3C87; box-shadow:4px 4px 4px  
4px #6D3C87 }
```

Background

The CSS property to change the background color of an element to Hex 6D3C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3C87 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6D3C87 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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